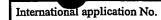
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT / 509637

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AI INTERNAT	TONAL PRELIMINA	ARY EXAMINA	ATION REPORT / 5096
_	(PCT Article 3	6 and Rule 70)	
Applicant's or agent's file reference YA-0005PCT	FOR FURTHER ACT	TION See Notific Preliminary	cation of Transmittal of Internatio Examination Report (Form PCT/IPEA/4)
International application No. PCT/JP2003/003775	International filing date 27 March 2003		Priority date (day/month/year) 29 March 2002 (29.03.2002)
International Patent Classification (IPC) or F25D 11/00, F25B 1/00	r national classification and	IPC	
Applicant	KABUSHIKI KAIS	SHA TOSHIBA	
amended and are the basis 70.16 and Section 607 of t These annexes consist of a	panied by ANNEXES, i.e., s s for this report and/or sheet: the Administrative Instruction a total of6sl	heets of the description of the PCT).	sheet. ion, claims and/or drawings which have b ations made before this Authority (see F
IV Lack of unity of V Reasoned statem citations and exp VI Certain documer VII Certain defects in	ent of opinion with regard to invention nent under Article 35(2) with planations supporting such s	novelty, inventive s h regard to novelty, i tatement	step and industrial applicability inventive step or industrial applicability;
Date of submission of the demand 29 October 2003 (29	9.10.2003)	Date of completion	of this report 9 June 2004 (29.06.2004)
Name and mailing address of the IPEA/	/JP	Authorized officer	
Recsimile No		Telephone No.	



PCT/JP2003/003775

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

I. 1	Basis	of the rep	oort				
1.	With	regard to	the elements of the international	l application:*			
		the international application as originally filed					
	$\overline{\boxtimes}$	the desc	ription:			Q	
	لاسكا	pages		1-3, 8-21		, as originally filed	
		pages				, filed with the demand	
		pages	4-7		, filed with the letter of	13 April 2004 (13.04.2004)	
					.		
		the clair				, as originally filed	
		pages _			as amended (togethe	r with any statement under Article 19	
		pages _		-	, as anionaed (regettie	, filed with the demand	
		pages _ pages	6		filed with the letter of	13 April 2004 (13.04.2004)	
					, mod with the fetter of _		
	\boxtimes	the draw					
		pages _				, as originally filed	
		pages				, filed with the demand	
		pages			_, filed with the letter of _		
	t	he seque	nce listing part of the description	:			
		pages				, as originally filed	
		pages				, filed with the demand	
		pages					
	the ir Thes	the lang the lang the lang or 55.3' regard minary er contain filed to furnish furnish The stainternar	al application was filed, unless of a were available or furnished to guage of a translation furnished figuage of publication of the interneguage of the translation furnished). to any nucleotide and/or and amination was carried out on the ed in the international application gether with the international applied subsequently to this Authority at the subsequently to this Authority at the subsequently to this Authority at the subsequently to the subsequently the subsequently to the subsequently the subsequently the subsequently to the subsequently the subseq	otherwise indicated urthis Authority in the for the purposes of intational application (need for the purposes of the purposes of the purposes of the sequence e basis of the sequence in in written form. Illication in computer to in written form. It is the purposes of the sequence of the sequence of the sequence of the sequence of the written form. It is the purposes of the purposes of the sequence of the seque	nder this item. following language ternational search (under R under Rule 48.3(b)). of international preliminar disclosed in the internace listing: readable form. le form. sequence listing does no	this Authority in the language in which which is: tale 23.1(b)). The examination (under Rule 55.2 and/ational application, the international application of the disclosure in the last to the written sequence listing has	
4.	\boxtimes		the claims, Nos. 1-5, the drawings, sheets/fig	7-9			
5.			oort has been established as if (s the disclosure as filed, as indicat			since they have been considered to go	
*	in th	acement s sis report 70.17).	theets which have been furnished as "originally filed" and are	d to the receiving Off not annexed to th	fice in response to an invitis report since they do n	tation under Article 14 are referred to not contain amendments (Rule 70.16	
**	Any i	replacem	ent sheet containing such amend	ments must be referr	ed to under item 1 and ann	exed to this report.	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internation	lication No.
PCT/JP	03/03775

v.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability
	citations and explanations supporting such statement

. Statement	•		
Novelty (N)	Claims	6	YES
• • • •	Claims		NO NO
Inventive step (IS)	Claims	6	YES
mvemive step (10)	Claims		NO
Industrial applicability (IA)	Claims	6	YES
industrial approaching (2.1)	Claims		NO

- 2. Citations and explanations
 - Document 1: JP 56-110850 A (Tokyo Shibaura Electric Co., Ltd.), 2 September 1981
 - Document 2: JP 11-183010 A (Toshiba Corporation), 6 July 1999
 - Document 3: JP 11-230627 A (Matsushita Electric Industrial Co., Ltd.) 27 August 1999
 - Document 4: Microfilm of the specification and drawings annexed to the Japanese Utility Model

 Application No. 140521/1984 (Laid-open No. 55670/1986) (Sanyo Electric Co., Ltd.), 14

 April 1986
 - Document 5: Microfilm of the specification and drawings annexed to the Japanese Utility Model

 Application No. 155691/1984 (Laid-open No. 71864/1986) (Mitsubishi Heavy Industries, Ltd.), 16 May 1986
 - Document 6: JP 2000-292017 A (Mitsubishi Electric Corporation), 20 October 2000
 - Document 7: CD-ROM of the specification and drawings annexed to the Japanese Utility Model

 Application No. 5092/1991 (Laid-open No. 56659/1994) (Hoshizaki Electric Co., Ltd.), 5

 August 1994
 - Document 8: JP 7-91717 A (Hitachi, Ltd.), 4 April 1995



Internation Plication No.
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The invention set forth in claim 6 is not disclosed in any of the documents cited in the international search report, and would not be obvious to a person skilled in the art.